

# Resident Engineer's Weekly Report

## Contract Week: 9/27/09 thru 10/3/09



**Construction Contract:** DC Street Car Anacostia Project  
**Prepared by:** Michael Harrison, R.E.

**Date Prepared:** 10/7/09  
**Contract Day:** 227 of 540

### Description

Anacostia Initial Line Segment is approximately .75 miles from 2750 South Capitol Street SE to the Firth Sterling, Suitland Parkway Intersection. The work includes demolition, relocation of water lines, roadway improvements, drainage modifications, sidewalk and landscaping, streetlights, installation of traffic control signals, streetcar station platforms, systems duct bank and conduits, OCS pole foundations, preparation of the tracked and sub drains, and installations of track and special track-work.

The AILS construction also includes an Operations and Maintenance Facility (OMF) maintenance building, maintenance equipment and tools, track installation in the yard and shop areas, fill materials for site preparation, grading and drainage, drain channel and swales, culverts and underground drainage pipes, parking lot, landscaping, fencing, fire protection and domestic services, utility services, electrical duct-banks, OCS pole foundations, and systems duct-banks.

### SCHEDULE

#### Contract Dates

NTP Date:	2/17/09		
Contract Milestone A Completion Date	2/17/10	Projected Milestone A Completion Date	2/17/10
Contract Milestone B Completion Date	8/10/10	Projected Milestone B Completion Date	8/10/10

#### Progress

#### Anacostia Streetcar - 2 Week Look Ahead Schedule

10/7/2009

Bid #	Activity	Thur 10/8	Fri 10/9	Sat 10/10	Sun 10/11	Mon 10/12	Tues 10/13	Wed 10/14	Thur 10/15	Fri 10/16	Sat 10/17	Sun 10/18	Mon 10/19	Tues 10/20	Wed 10/21	Thur 10/22	Fri 10/23
80-110	South Capitol St. - OCS Pole Foundations 133+50 to 140+00																
0310	South Capitol St. - Fine Grade GAB 122+00 to 140+00																
0340	South Capitol St. - Install Permeable Base 122+00 to 140+00																
0140	South Capitol St. - Set & Weld Track																
0140	South Capitol St. - Tie Rebar 122+00 to 140+00																
0140	South Capitol St. - Pour Track Slab - 122+00 to 140+00																
No Item	Firth Sterling Suitland to So. Capitol - Temporary Lighting																
0140	Firth Sterling & So. Capitol Crossing Form & Pour Track Slab																
0140	Firth Sterling & So. Capitol Crossing Cure Track Slab																
590 & 600	Firth Sterling & So. Capitol Crossing Place Asphalt																
80-110	Firth Sterling @ Stevens & Sumner OCS Pole Foundations																
1100	Charge Lane Closure MOT So. Capitol St. @ Firth Sterling																
0230	Saw Cut West Side So. Capitol St. @ Firth Sterling																
0230	Excavate West Side So. Capitol St. @ Firth Sterling																
0310	Aggregate Base West Side So. Capitol St. @ Firth Sterling																

Notes: Schedule is Dependent on the following:  
 1. Verizon pole and guy wire still needs to be removed @ 127+20  
 3. Pepco removing manhole @ Sumner Rd.

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Major Work Item/Area	Progress and Summary of Work
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### Major Activities Performed Last Week

1	DC Utility/Traffic Signal Work	Street light foundation installations are also nearing completion. Pepco coordination site meeting held.
2	ROW Work	Inbound Rail work from South Capital towards Stevens Rd. Sub-grade preparations for the new track slab continue along South Capitol Street. Temporary lighting being installed along Firth Sterling.
3	Utility Work	Pepco MH work along Firth Sterling getting started. Third party utilities continue to re-locate existing lines to accommodate the new work.
4	Rail Installation	Pre-curved rail at South Capital Street and Firth Sterling for the Inbound track being installed.
5	Structures	No activity.
6	Next Week	<p><b>a. Administrative</b></p> <ol style="list-style-type: none"><li>1. Continue review of required submittals, monthly pay request, and RFIs.</li></ol> <p><b>b. Field</b></p> <ol style="list-style-type: none"><li>1. Sub-grade preparations for the new track slab along South Capitol Street continue.</li><li>2. Sub-grade preparations and installation permeable base material along Firth Sterling for new track slab continue.</li><li>3. OCS foundation installations and roadway excavation along the SE side of Firth Sterling continue.</li><li>4. Install reinforcing steel, rail, and rail boot along with placing concrete for new track slab.</li><li>5. HNTB will continue the daily inspection of FMC work as required as well as administer quality assurance testing.</li></ol>

### Delays to Critical Activities Last Week

1 No delays

## Project Overview

	Value
Original Contract	\$24,994,526.28

## Description of Current Critical Path / Areas of Concern

### Current Critical Path:

**Area of Concern:** O&M Facility 36" water line re-location re-design.

**Mitigation:** DC WASA currently has two 36" water line re-design options for review and approval.

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### CRITICAL RFIs, SUBMITTALS, AND CHANGE ORDERS

RFI #	Description	Date Submitted	Reviewer	Remarks/Status
1				

CDRL #	Description	Date Submitted	Reviewer	Remarks/Status
1	No Critical submittals			

RFC/CO/CN #	Description	Date Initiated	Reviewer	Remarks/Status
1	RFI #032	4/01/09	DDOT	WASA's rejection of submittal for catch basis in lieu of water quality basins.
2	Submittal	4/01/09	DDOT	Quantity Over-Run of Tree Removal
3	RFC	4/09/09	DDOT	Test Pits at OMC Facility

### POTENTIAL CLAIM STATUS (Submitted by Contractor)

PC #	Amount/Time	Description & Approach to Resolution
1	No potential claims at this time.	



Track Bed Preparation @ South Capital Street



Install Permeable Base @ South Capital Street

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Installation of Temporary lighting



Installation of Pre-curved rail



Welding of Pre-curved rail.



Grinding welds for the Pre-curved rail



MOT for Firth Sterling



Temporary lighting @ Firth Sterling